

19980801.qrp v01_n170.qrs.980801

Date: Sat, 1 Aug 1998 19:03:10 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1170

QRP-L Digest 1170

Topics covered in this issue include:

- 1) [16613] (Fwd) Re: GQRP - CW and old technology - Interesting
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 2) [16614] Another CW program
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 3) [16615] HW-9 FS
by John Robinett <n7rat@primenet.com>
- 4) [16616] Dont you just hate....
by beaks@westco.net
- 5) [16617] Re: 30 meters
by Bernie Doehner <bad@uhf.wireless.net>
- 6) [16618] Re: Torroid question
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 7) [16619] Radio expedition to island Sunday
by Jim <kj5tf@madisoncounty.net>
- 8) [16620] AC-1
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 9) [16621] First QRP Quarterly
by "Preston Buck" <pbuck@infoblvd.net>
- 10) [16622] GPS and QRP...where am I??
by Mighty Mik <mitymik@hooked.net>
- 11) [16623] RE: info on the rit mod upload
by RangerSF5@aol.com
- 12) [16624] TS-130S swap
by beaks@westco.net
- 13) [16625] Elmer101: web site
by Michael Maiorana <mikemo@ibm.net>
- 14) [16626] CQ ELVIS DE K5XU MOBILE
by Mike Duke <K5xu@cris.com>
- 15) [16627] Elmer101: Lets get on the air!
by Michael Maiorana <mikemo@ibm.net>
- 16) [16628] Elmer101: LMC662 mod
by Michael Maiorana <mikemo@ibm.net>
- 17) [16629] Elmer101: mods
by Michael Maiorana <mikemo@ibm.net>
- 18) [16630] NAQP SUBCONTESTers
by utahfolk@konnections.com
- 19) [16631] QRP Wattmeter

- by Joe Mikuckis <k3chp@erols.com>
- 20) [16632] RE: Dont you just hate....
by "David Newkirk" <dpnewkirk@home.com>
- 21) [16633] Elmer101: web site; foot-dragging
by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
- 22) [16634] RE: QRP Wattmeter
by Tracy@bytemark.com (Tracy)
- 23) [16635] Simple Sierra questions
by jim nestor <nestoji@home.com>
- 24) [16636] Re: Info Only - Future of Code Requirements for US Ham Licenses
by cjcole <cjcole@ames.net>
- 25) [16637] RE: Art of Electronics
by "David Newkirk" <dpnewkirk@home.com>
- 26) [16638] Re: LMC662's shipped
by penzo@juno.com (Michael A Penzo)
- 27) [16639] Don't you just hate....
by af852@rgfn.epcc.edu (William R Colbert)
- 28) [16640] Thanks
by "Dan Wolfe" <n4roa@mounet.com>
- 29) [16641] Art of Electronics in Toronto, Canada.
by "Vincent Ferme" <vferme@sprint.ca>
- 30) [16642] Thanks for the Elmer 101 stuffle
by Paula Bailey <pmbail01@ox.slug.louisville.edu>
- 31) [16643] Sailin' QRPer this Weekend
by Ken LaRose <kenlar@csolve.net>
- 32) [16644] Re: Need 6M radio control info
by "Frank A. West" <ke6vhm@earthlink.net>
- 33) [16645] HW8 low o/p
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
- 34) [16646] FS: HW-8 & HW-9
by "Charles O. Henderson" <5400@email.msn.com>
- 35) [16647] Re: Need 6M radio control info
by "George T. Baker" <w5yr@swbell.net>
- 36) [16648] Spectrum Analyzer PC Board info
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 37) [16649] Interesting RS gizmo
by Charles Kadesch <chas@digizen.net>
- 38) [16650] DCTL antenna
by The Boices <boice@bigfoot.com>
- 39) [16651] Unbuilt Kits for sale
by Pete Meier <pmeier@tir.com>
- 40) [16652] power for HW-7
by Blackpug1@aol.com
- 41) [16653] Re: power for HW-7
by "John J. McDonough" <jjmcd@tm.net>
- 42) [16654] end-fed wire
by Thomas Roth <th.roth@apc.de>
- 43) [16655] Never mind

by jim nestor <nestoji@home.com>
44) [16656] Re: end-fed wire
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
45) [16657] FW: Spectrum Analyzer PC Board info
by Tracy@bytemark.com (Tracy)
46) [16658] RE:Unbuilt Kits - WK8S
by Pete Meier <pmeier@tir.com>
47) [16659] Radio Habana Cuba
by n4so@juno.com (charles k brown)
48) [16660] Another SST lives
by Scott Bauer <ke3nv@erols.com>

Date: Fri, 31 Jul 1998 19:46:37 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: qrp-l@Lehigh.EDU
Subject: [16613] (Fwd) Re: GQRP - CW and old technology - Interesting
Message-ID: <199807312346.TAA22016@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I thought the guys in the US might be interested in this. When
Sheldon has it ready, I will have it available. I have no
other details other than what is in the note below....

-----Forwarded Message Follows -----

Date: Fri, 31 Jul
1998 22:27:40 +0100 To: Stanley Wilson <microres@crl.com>
Cc: gqrp-l@blacksheep.org From: Sheldon Hands
<hands@rf-kits.demon.co.uk> Subject: Re: GQRP - CW and old
technology - Interesting Reply-to: Sheldon Hands
<hands@rf-kits.demon.co.uk>

In message <Pine.SUN.3.91.980731122553.13638F-1000000@crl4.crl.com>,
Stanley Wilson <microres@crl.com> writes
> I note that most of the rigs have better front end filters
> in SPRAT than similiar designs from the states. Be nice to see less
> NE602's and more of the new telecommunications chips.

> Better front ends, better audio, etc.. How about a nice front end filter

Comming soon the GQ-Plus, a multiband GQ40

*** TUF1-H 17dBm mixer option
*** not an NE602 in sight

*** low loss high Q input filters
*** 1.8 -30 mhz 6w on the low bands around 3w >21
*** Surface mount DDS vfo clocked at 120mhz!!! low spurs
*** not much larger than a GQ40 !!

Anticipated Xmas Sprat/ Demo at Rochdale QRP gathering

De GW8ELR (a no code licence holder of 21 years standing 50-1296 mhz
ssb/cw)

--

Sheldon Hands

Via GQRP-L - The G-QRP Club mailing list

73 - Bill - N8ET

Kanga US

kanga@mail.bright.net

<http://www.bright.net/~kanga/>

419-423-4604

Date: Fri, 31 Jul 1998 18:12:40 -0700

From: "Roger A. McCarty" <rmccarty@earthlink.net>

To: <Qrp-l@Lehigh.EDU>

Subject: [16614] Another CW program

Message-ID: <01bdbce9\$7ac3dc20\$8daad9cf@rmccarty.earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I found this program to be helpful.

<http://home.earthlink.net/~rbeals/>

Roger KD6CC

Date: Fri, 31 Jul 1998 18:18:09 -0700

From: John Robinett <n7rat@primenet.com>

To: qrp-l@Lehigh.EDU

Subject: [16615] HW-9 FS
Message-ID: <199808010113.SAA18707@smtp03.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

For Sale: Heathkit HW-9 with WARC bands, some mods.
Asking \$260 (shipping included to CONUS)

John Robinett
N7RAT

Date: Fri, 31 Jul 1998 22:08:15 -0400
From: beaks@westco.net
To: qrp-1@Lehigh.EDU
Subject: [16616] Dont you just hate....
Message-ID: <35C2788F.320@westco.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well here it is Friday evening and all there is to hear on 7.040 here in West Virginia is 20 over 9 South American SSB and above and below that 2 kc's is digital sigs. Guess I'll move up to 30 meters...

Date: Fri, 31 Jul 1998 19:15:02 -0700 (PDT)
From: Bernie Doehner <bad@uhf.wireless.net>
To: Andy Fox <foxes@theriver.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16617] Re: 30 meters
Message-ID: <Pine.BSF.3.96.980731191213.979B-100000@uhf.wireless.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi all:

Just wondering.. How many of you run 30 QRP mobile? I am building my SST-30 this weekend (anyone know of where the final production mods are?), in hopes to use it extensively during my drive from southern California to upstate New York

Also have a 100W amp, but would be kinda interested on what I can expect barefoot.. Have a 30 meter hamstick (which I understand isn't too efficient), and the possibility of a donated SGC autotuner and 12.5' whip

Bernie nu1s/6

On Fri, 31 Jul 1998, Andy Fox wrote:

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> Date: Fri, 31 Jul 1998 12:58:20 -0700
> From: Andy Fox <foxes@theriver.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: 30 meters
>
> Hello,
>
> I'm eager to put my recently completed SW-30+ rig on the air. I have a
> couple of questions first. I'm brand new to 30 meters.
>
> The stock kit tunes over a 35 KHz range. The band is 50 KHz wide. My
> radio tunes 10.100 - 10.135 MHz "out of the box." I can expand the
> tuning range (or shift it), but am wondering where other QRPers hang
> out. I haven't done much listening on the band (have to put up another
> end-fed antenna this afternoon).
>
> I'd like to make a contact or two before making any mods.
>
> --
> 72/73 de Andy, KK7HV - QRP-L #1286 - Tucson, AZ
>
>
```

Date: Fri, 31 Jul 1998 22:29:55 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: Leon Heller <leon@lfheller.demon.co.uk>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16618] Re: Torroid question
Message-ID: <35C27DA3.3B93AB31@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks. That information is just enough to make me dangerous. I'll suqezze a Z-match into an altoids box yet!!!

Leon Heller wrote:

>
> In message <35C114DF.A3791C32@home.com>, "T.J. \"SKIP\" Arey N2EI"
> <tjarey@home.com> writes
> >In the Summer issue of G-QRP SPRAT on Page 29 there is a diagram of a
> >torroid based Z-match. However, I am a little confused about how to wind
> >the torroid. Does the secondary get wound over top of the primary???.
> >Also, are there any other issues about how to wind the torroid that I
> >need to worry about?
> >
>
> I just looked at my copy. The secondary is just wound over the primary,
> starting at the ground connection. It's best to space the secondary
> turns to occupy the same space as the primary, which should be wound
> leaving a gap of about 30 degrees. Make the taps by twisting a small
> loop of the wire and then continue the winding. The windings shouldn't
> be too tight.
>
> Leon
> --
> Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
> Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
> See <http://www.lfheller.demon.co.uk/dds.htm> for details of a simple AD9850
> DDS system. See " /diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

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T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

QRP-L #1618 QRPARCI #8634 NJ-QRP #155 G-QRP #10055

ARRL Life Member

QRP RIGS: HW-7, HW-8, FT-301S

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Fri, 31 Jul 1998 21:52:56 -0500
From: Jim <kj5tf@madisoncounty.net>
To: qrp-1@Lehigh.EDU
Subject: [16619] Radio expedition to island Sunday
Message-ID: <35C28308.641@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This Sunday I'll be boating out to Choke Cherry island, on Beaver lake, Arkansas.

Look for me on US Island/IOTA freq's - 7.260 & 14.260MHz, from 22:00 to 00:00Z.

This trip I'm takeing my Ten Tec 525D, a marine/RV btry, solar panel, and a microphone. Yeah I'm a little rusty useing a mic but it'll come back to me. hi

I've been asked to run 50w, but I will drop down to 5w when I can.

Here's the US Islands webpage, be sure to check the island calendar.

<http://www.eng.mu.edu/~usi/>

Hope to hear some QRP-L folks, de Jim AR QRP #2

Date: Fri, 31 Jul 1998 23:03:07 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, scott.freeberg@guidant.com
Subject: [16620] AC-1
Message-ID: <35C2856B.E335D7BD@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I had one of these little rigs myself once. Made the mistake of selling it. Lots of fun from the days when being a Novice stood for something. (Like a WN call)

> I finally got my Ameco AC-1 transmitter on the air. The AC-1 is a
>1960's two tube peanut whistle transmitter running about 5 watts >output.
>I had the 40 meter COIL installed. I had two nice cw contacts on 7040
>with WA0ETE in Omaha and W8EO in East Lansing Michigan. I received a
>559 and a 569.

>

>Pretty cool, I get to do boat anchor radios and qrp at the same time. >I
>was running the AC-1, a Collins 75A4 on receive, and a dipole for
>antenna.

>

>72,

>

>Scott WA9WFA in Saint Paul Minn

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

QRP-L #1618 QRPARCI #8634 NJ-QRP #155 G-QRP #10055

ARRL Life Member

QRP RIGS: HW-7, HW-8, FT-301S

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Fri, 31 Jul 1998 23:30:55 -0400

From: "Preston Buck" <pbuck@infoblvd.net>

To: <qrp-l@Lehigh.EDU>

Subject: [16621] First QRP Quarterly

Message-ID: <001b01bdbcfcd4cf920\$ab805495@dragon-ship>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Greetings All,

I got my first QRP Quarterly today. Wow! This is a club magazine but out by a group of amateur printers? The professionals don't have anything on you guys. I like it.

What to do this weekend? Make QSOs, melt solder, or read Qrp quarterly. If I don't sleep, eat, or talk with my family, can I do all three?

73,

Preston, n0glm, Southern NY state

Date: Fri, 31 Jul 1998 20:38:01 -0700
From: Mighty Mik <mitymik@hooked.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [16622] GPS and QRP...where am I??
Message-ID: <35C28D99.F18479BE@wenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

GPS does have it's uses...mine (a Garmin GPS 12) will give location in Maidenhead grid square format...so i can tell you that right now i'm in grid square CM87VS. Now...if i decide to take the QRP rig with me to Bonneville, i might be able to put up a grid that normally has NO people in it...and in Sept, when i go to Black Rock (in NV), i can do the same. The location at Black Rock is out on the middle of a dry lake bed. You can get stuck very easily if you get lost. Fortunately...there is a 440 repeater that covers the site. Yes, I will have a cell phone as well.

also...if you happen to have the right packet box, GPS+packet= APRS.
(havn't played with it yet).

Date: Fri, 31 Jul 1998 23:44:35 EDT
From: RangerSF5@aol.com
To: qrp-1@Lehigh.EDU
Subject: [16623] RE: info on the rit mod upload
Message-ID: <4c10de2.35c28f24@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Gang,
A few people had mailed me and informed me that they cant open and read the info.
Because there pictures with the text,it was configured for *IMAGES*
Most win 95 machines have this.
You should be able to convert with win.3.1
Maybe a computer WIZ reading this can and is willing to explain this step by step
Bob
WA2HQQ

Date: Sat, 01 Aug 1998 00:01:21 -0400
From: beaks@westco.net
To: qrp-1@lehigh.edu
Subject: [16624] TS-130S swap
Message-ID: <35C29311.1633@westco.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well gang I still have the TS-130S to swap for QRP gear, a few of you have asked why I want to swap it, why not just turn the power down and use it QRP?

OK, here goes. Mainly, the 130 is abit too bulky to take portable on day trips or in the car and I dont really want to take the Index away from the shack. It gets to be a real chore to take it just out to the patio, let alone on a trip.

So anyway, its still available should anyone be interested.....

Thanks!

Arch N8EAG

Date: Sat, 01 Aug 1998 01:04:59 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [16625] Elmer101: web site
Message-ID: <35C2A1FB.381889C4@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well I finally picked through all the postings and updated the web site.

<http://www.qsl.net/kf4trd>

There will be a few more additions as we get the last few SW-40+'s up and running. I also plan on "cleaning it up" a bit. Although I like it simple (faster), it is a size now that requires a little more organization. I have no plans on taking the information down off the site in the foreseeable future.

I also added the RIT mod information from Bob WA2HOQ. I cleaned them up

a bit and compressed them so they are a little easier to handle. Thanks
Bob!!!

Please, if I missed anything or if you have anything you want to add to
the archives please let me know. Tnx.

--

72 de ku4qo
Mike Maiorana
Palm Harbor, FL

Date: Sat, 1 Aug 1998 01:11:51 -0400 (EDT)
From: Mike Duke <K5xu@cris.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16626] CQ ELVIS DE K5XU MOBILE
Message-ID: <Pine.SUN.4.01.9808010107060.24727-100000@mariner.cris.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, I'm on the road again, this time toward Tupelo.

Once again, I'll monitor 28.400 for ssb, and 29.000 for am. I'll move up
if a rash of activity breaks out.

I will be in Tupelo from about 11 A.M. - 3 P.M., then on the air again for
the return trip to Jackson.

Same 10 watts and rf choke as last week.
Mike Duke, K5XU,
President,
Mississippi Council of the Blind
<http://www.prestridge.com/mcb/>

Date: Sat, 01 Aug 1998 01:33:42 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [16627] Elmer101: Lets get on the air!
Message-ID: <35C2A8B6.FFE13CF@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Are you ready for the Elmer101 sprint. How does a week from Wednesday evening sound? 1:00 utc 8/13/1998, for 2 hours. Only for SW-40+ Elmer students. Call can be CQ ELMER CQ ELMER DE 7.040 MHz +/- QRM. What is a good novice frequency?

Is this a good time span for both the east coast and the left coast? I want to keep it fair.

Winner (most contacts) gets a Heathkit 5 Mhz oscilloscope, hand built by me 15 years ago. Needs a little tweaking but works. If you don't NEED a scope then PLEASE pass it on to the next highest score. The idea is to get a scope into the hands of a needy builder. If there is a tie then we will add up the total number of miles of the contacts.

Sound good? Suggestions or alternatives?

--

72 de ku4qo
Mike Maiorana
Palm Harbor, FL

Date: Sat, 01 Aug 1998 01:40:25 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [16628] Elmer101: LMC662 mod
Message-ID: <35C2AA49.9E8C2156@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>From what I've gathered so far, the LMC662 driving headphones of 25ohms each in parallel (12.5 ohms total load) will oscillate. The 5532 did not. Driving higher impedances with the 662 seems to work just fine. If you wired your headphones in series this may be enough impedance to not oscillate. The data sheet specs driving a 600 ohm load. I used my high impedance headphones (2000 ohms) and they worked great (just wish they were more comfortable ;-)

So, if you want to save 6 mA on receive (40%) then this is a great mod. I wonder if there is something we could do about the output. Matching transformer (big), series resistor (wasteful). Lower the gain so it won't oscillate (lower gain). Any Ideas?

--

72 de ku4qo
Mike Maiorana
Palm Harbor, FL

"And if I have prophetic powers, and understand all mysteries
and all knowledge, and if I have all faith, so as to remove
mountains, but have not love, I am nothing"

Date: Sat, 01 Aug 1998 01:43:00 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [16629] Elmer101: mods
Message-ID: <35C2AAE3.1B3217D6@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One mod that I would like to see is an AGC and S meter. I'm looking at
some options to try to add an audio AGC. Since there is no IF amplifier
in this rig I'm guessing that an IF based AGC is out of the question.

Ideas?

--
72 de ku4qo
Mike Maiorana
Palm Harbor, FL

"And if I have prophetic powers, and understand all mysteries
and all knowledge, and if I have all faith, so as to remove
mountains, but have not love, I am nothing"

Date: Fri, 31 Jul 1998 07:17:19 -0700
From: utahfolk@konnections.com
To: qrp-1@Lehigh.EDU
Subject: [16630] NAQP SUBCONTESTers
Message-ID: <35C1D1EF.576D@konnections.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The following are playing in the NAQP CW this weekend

WD3P	N2WG	KD7AEE	KD7CGE?	N7XJ	... remember to
------	------	--------	---------	------	-----------------

report your results to barmstrong@mail.sisna.com any others who
wish to join, jump in and send your reports If you work any
of the above calls, add 100 points for each QS0! Running NAQP CW

rules with the addition that all stations run QRP + Wire ants only
.... de Dave

Date: Sat, 01 Aug 1998 05:32:33 -0400
From: Joe Mikuckis <k3chp@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [16631] QRP Wattmeter
Message-ID: <35C2E0B1.28F1@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Everybody!

I found an impressive, high quality analog wattmeter which is ideal for QRP. It is Diamond model SX-200 having 5w, 20w, and 200w full-scale ranges. The frequency coverage is 1.8 to 200 MHz with an accuracy of 5%. The tracking among the three power ranges is excellent. The 5-watt range is calibrated down to 0.1 watt, is accurate, and easy to read. In addition, the unit has SWR feature which is usable even at 1-watt level!

I have been using this product since January and am very pleased. I use it in series with antenna feed line to accommodate three QRP rigs (HW-8, Sierra, and QRP+). Rig selection is done by means of Bird coaxial RF switch.

73/72 de Joe, K3chp
k3chp@erols.com

Date: Sat, 1 Aug 1998 07:14:03 -0400
From: "David Newkirk" <dpnewkirk@home.com>
To: <beaks@westco.net>
Cc: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [16632] RE: Dont you just hate....
Message-ID: <000001bdbd3d\$7df67340\$33940318@cc632587-a.vron1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

beaks@westco.net wrote:

> Well here it is Friday evening and all there is to hear on 7.040 here in
> West Virginia is 20 over 9 South American SSB and above and below that 2
> kc's is digital sigs. Guess I'll move up to 30 meters...

Of course, it's possible that five to ten other QRPers may have been
listening there right at the same time, thinking

> Well here it is Friday evening and all there is to hear on 7.040 here in
> West Virginia is 20 over 9 South American SSB and above and below that 2
> kc's is digital sigs. Guess I'll move up to 30 meters...

:-D Did you call CQ before going to 30?

73,

Dave Newkirk, W9VES
dpnewkirk@home.com

Date: Sat, 1 Aug 1998 13:45:18 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: mikemo@ibm.net, qrp-l@lehigh.edu
Subject: [16633] Elmer101: web site; foot-dragging
Message-ID: <19980801134518.BHSG16502@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Mike

I want to thank you personally for a very impressive job on your site and
Elmer 101. Fielding technical and... "loonie" posts with insightful
patience -in addition to all the requisite background work is a testament to
a generous, admirable spirit to which each of us owes a great debt.

I was relieved to hear that you'll be leaving Elmer 101 on the page as I've
been dragging my feet due to moving to NY state, job changes and myriad
related "stuff". I look forward to getting back on the air and working on
the 40+ and other projects in the fall. Til then, thank you, and keep the
faith. 73

Seab Lyon, AA1MY, Beacon, NY, USA
ARRL; QRP ACRI# 9253; QRP-L#574;
NEQRP# 511; C.A.R.A.(Danbury CT):

<http://www.danbury.org/org/cara/>

Date: Sat, 1 Aug 1998 10:18:18 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L" <qrp-l@lehigh.edu>, <k3chp@erols.com>
Subject: [16634] RE: QRP Wattmeter
Message-ID: <000001bdbd57\$3b091fa0\$7d751ad1@titan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I got mine a few years ago and have been thoroughly impressed with it the entire time. I've been able to check reflected power well below 1/2 watt with the 'fwd / rev' setting for the wattmeter itself. It's interesting to have a meter that shows you either SWR or reflected power in watts.

One of the nicer, non-critical features is that it's backlit if you supply it with 12v. Makes a nice looking station! It's NOT an inexpensive meter, but worth every penny.

Tracy , N4LGH #1453

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
>
> Hello Everybody!
>
> I found an impressive, high quality analog wattmeter which is ideal
> for QRP. It is Diamond model SX-200 having 5w, 20w, and 200w
> full-scale ranges. The frequency coverage is 1.8 to 200 MHz with an
> accuracy of 5%. The tracking among the three power ranges is excellent.
> The 5-watt range is calibrated down to 0.1 watt, is accurate, and
> easy to read. In addition, the unit has SWR feature which is usable
> even at 1-watt level!
>
> I have been using this product since January and am very pleased.
> I use it in series with antenna feed line to accommodate three QRP rigs
> (HW-8, Sierra, and QRP+). Rig selection is done by means of Bird
> coaxial RF switch.
>
> 73/72 de Joe, K3chp

> k3chp@erols.com
>
>

Date: Sat, 01 Aug 1998 10:08:15 -0400
From: jim nestor <nestoji@home.com>
To: qrp-1@Lehigh.EDU
Subject: [16635] Simple Sierra questions
Message-ID: <19980801140923.AAA22717@cc652944-a.ewndsr1.nj.home.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Actually, it's me that's simple, not the Sierra (or the questions). So here goes.

II finished my Sierra last week. Mangled the little trimmer cap for transmit offset (TOS) and temporarily replaced it with a 50pf fixed cap to get the rig to work. Of course, the TOS isn't correct with regard to the operating frequency. By fiddling with RIT, I was able to make some contacts.

Just finished the KC-2 which is really neat, BTW.

Now, I'm trying to align the rig and getting a bit confused.

Where should the transmit frequency be in relation to the receive frequency? Higher or lower? How much? What about the BFO?

I can now see the receive and transmit freqs on the KC-2.

The only band module I have assembled so far is 30m, so I can copy WWV at 10Mhz as a starting point for alignment.
I have set the BFO so that received signals "sound right". Tuning through a signal, I only hear the signal once which suggests that the BFO is correct, but I'm not too sure. I assume that I have it on the correct sideband but don't know how to verify that.

With RIToff, when I short the TOS transistor, the freq only changes about 100hz which obviously isn't enough. I guess it should be more like 6-800hz. Is that true?

I've fed the Sierra into a dummy load and listened for it on my Icom 735 and vice versa. The setting that seems to sound right on both rigs involved offsetting the TX & RX freqs about 1.7khz which somehow doesn't make sense to me.

Any suggestions to help me understand the relationships between BF0, T0S and receive freqs would be appreciated. A picture would be even better.

Did I mention that I LOVE this rig. Hope to have it all ready to take to Colorado next weekend then to Scotland two weeks later.

72,

Jim, WK8G/2
nestoji@home.com

Date: Sat, 1 Aug 98 09:33:52 -0600
From: cjcole <cjcole@ames.net>
To: <rgobrick@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [16636] Re: Info Only - Future of Code Requirements for US Ham Licenses
Message-ID: <199808011441.JAA14716@brain.ames.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Very well said. I always thought that there would become a time when HAM radio exam needed to be changed but in the near future though, I don't think that the exam will change this year. Afterall that was just a pre-proposal the ARRL will have to send it to the FCC and the FCC board will make what ever changes it feels it needs to then send it back to the ARRL board where, they will re-write the re-write and then goes back and forth between the FCC and ARRL for a while before it will ever come for approval. I think it will either late 1999 or early 2000 before any changes come around because the FCC does have other problems to take care of than just the Reorganizing the Exams for Amateur radio. Not to mention that all of the Tech-no code people will probably be in a hurry to upgrade to Tech-Plus. Also the FCC will need to write a whole set of new questions for this.

Thanks for letting me get my 2 cents in.
72s/73s
Chris
KC0DBO

Date: Sat, 1 Aug 1998 10:53:46 -0400
From: "David Newkirk" <dpnewkirk@home.com>
To: <leon@lfheller.demon.co.uk>
Cc: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [16637] RE: Art of Electronics
Message-ID: <000001bdbd5c\$2fa31620\$33940318@cc632587-a.vron1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Leon Heller wrote:

> >Here is a copy of the CUP response:
>
> Winfield Hill was often to be found lurking on the
> sci.electronics.design NG, and mentioned some months ago that they were
> working on a third edition. I haven't seen anything from him there for
> some time, perhaps he is too busy finishing the book. He has a web site
> (I can't remember the URL) which might have some more info. on progress.

<http://www.artofelectronics.com/>

73, Dave Newkirk, W9VES
dpnewkirk@home.com

Date: Sat, 01 Aug 1998 11:36:20 EDT
From: penzo@juno.com (Michael A Penzo)
To: phelbert@rica.net
Cc: qrp-l@lehigh.edu
Subject: [16638] Re: LMC662's shipped
Message-ID: <19980801.101059.4831.0.penzo@juno.com>

Paul,
Got my LMC662 in the mail yesterday (Friday). Thanks for the nice bubble wrap and static bag packing job, it arrived in fine shape. Because I soldered (ugh!) my op amp in place, I didn't have the chance to replace it last night after work. After reading your post and Mike M's, It sounds like the CMOS amp might be a little sensitive to headphone impedance. My phone jack is wired in series so I'll be interested to see what kind of results I get. I'll post them as soon as I get the swap out completed (you can bet I'll use the socket this time!)
Thanks again for the part,
Mike, KT4FJ
Stafford, VA.

Paul wrote:

>I got time last night to make the substitution in my SW40+. No test
>measurements, but by ear, no change. So if it cuts current, I'm happy.
>I tried it with four different sets of head phones and an MFJ mylar
>speaker (MFJ Clearstone Model 281). The rig sounds great on the
>speaker. One of my headphone sets (RS Optimus NOva 44)
>misbehaves...oscillation. Please report your findings as you
>experiment.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 1 Aug 1998 09:48:19 -0600 (MDT)
From: af852@rgfn.epcc.edu (William R Colbert)
To: qrp-1@Lehigh.EDU
Subject: [16639] Don't you just hate....
Message-ID: <199808011548.JAA18744@rgfn.epcc.edu>

Unfortunately, you will find the SSB from the other parts
of the Americas all the way down to 7020 as well as the digi
stuff. I hope you won't be crystal controlled or limited
on 30 as the ARRL supported WINLINK automatic digi bulletin
stations are now near full time on 10.120 and up, picket
fence style , wiping out a good portion of the band now used
for most qrp operations. If the commercial stuff is down
in signal strength or off the air,qrp operation will perhaps
be better in the lower part of the band. GL.

--

Ray Colbert, W5XE
OOTC 3618, SOWP 1064M
El Paso, Tx (FAR WEST TEXAS!)
also: w5xe@juno.com

Date: Sat, 1 Aug 1998 12:16:53 -0400
From: "Dan Wolfe" <n4roa@mounet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [16640] Thanks
Message-ID: <199808011715.MAA13137@ns2.mounet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Several posts to my inquiry on the charge controller...Thanks much to all who responded..I gathered up a lot of info..

73/72..Dan

Date: Sat, 1 Aug 1998 12:20:38 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [16641] Art of Electronics in Toronto, Canada.
Message-ID: <001201bdbd68\$53031000\$6e1005d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For those in the Toronto area, Norham Radio is selling the Art of Electronics, 2nd edition for \$25.00 CAN. The normal price at other bookstores is around \$95.00 CAN. I thought mine was the last copy but I saw another copy on the shelf today.

73/72 de Vince, VE3VFN.

Date: Sat, 1 Aug 1998 12:41:02 -0400 (EDT)
From: Paula Bailey <pmbail01@ox.slug.louisville.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16642] Thanks for the Elmer 101 stuffle
Message-ID: <Pine.LNX.3.96.980801123913.22542A-1000000@ox.slug.louisville.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks a lot to the folks who offered to send a copy of the archives to me. I've gotten a copy of them now, so nobody else needs to worry about sending me the archives....

Thanks again and 73's

-pb

Date: Sat, 01 Aug 1998 13:12:08 -0700
From: Ken LaRose <kenlar@csolve.net>
To: qrp-1@Lehigh.EDU
Subject: [16643] Sailin' QRPer this Weekend
Message-ID: <35C37698.7657@csolve.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Folks:

Just heading out for a sailing adventure on Georgian Bay, Lake Huron this long weekend.

Taking the rig along and plan to be operating from about 0100 to 0400 UTC both tonight (Saturday) and tomorrow evening. Will most likely call CQ on 14060+- and 10116+-.

Would love to hear from some QRPers on the list, so please give me a call if you can copy.

Thanks & 72, de Ken VE3ELA/M

Date: Sat, 1 Aug 1998 10:57:56 -0700
From: "Frank A. West" <ke6vhm@earthlink.net>
To: <pharden@aoc.nrao.edu>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [16644] Re: Need 6M radio control info
Message-ID: <199808011757.KAA21574@scaup.prod.itd.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I don't understand the dilemma. R/C planes have more operations than a car would. Why wouldn't the same gear work for a car. I have not done any

R/Cing since becoming a ham but as a kid used the same radio gear for boats as planes. they weren't into cars then. Showing my age again. HIHI

72 de Frank KE6VHM

> From: Paul Harden <pharden@aoc.nrao.edu>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Need 6M radio control info
> Date: Friday, July 31, 1998 10:20 AM
>
> Gang,
> OK, working WAY out of my league here. But a coworker here enjoys
> building and racing radio controlled cars. He's working to get his
> ham license, and just found out as a plus, he can operate his radio
> controlled cars on the 50MHz band (with his license, of course).
> Looking into it, he can only find people who sell 50MHz radio controlled
> stuff for airplanes.
>
> Does anybody know a vendor or two that provides 6M radio controlled
> stuff for "surface" vehicles (cars as opposed to airplanes)?
> Or anyone on the list who also races radio controlled cars on 50MHz?
>
> Tnx, Paul NA5N
>
> ObQRP ... I guess they are only one watt transmitters!
>
>
>

Date: Sat, 1 Aug 1998 19:07:15 +0000
From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
To: qrp-1@Lehigh.EDU, gqrp-1@blacksheep.org
Subject: [16645] HW8 low o/p
Message-ID: <E0z2g60-0004n6-00@pa.scotland.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I have an HW8 which is putting out 1.5 - 1 watt on all bands. All circuits peaked up as per manual and receiver is good. Any ideas?

Thanks

--73--

Frank G3YCC G QRP 042

email: g3ycc@g3ycc.prestel.co.uk

QRP web Site: <http://www.homeusers.prestel.co.uk/g3ycc/>
Packet: G3YCC@GB7HUL

Date: Sat, 1 Aug 1998 13:16:31 -0500
From: "Charles O. Henderson" <5400@email.msn.com>
To: <qrp-l@lehigh.edu>
Subject: [16646] FS: HW-8 & HW-9
Message-ID: <004301bdbd78\$83bd7a40\$6a1afed0@hp-customer>

For Sale: Heath HW-8 with matching HWA-7-1 Power Supply. Unit is unmodified with exception of momentary switch installed in upper center of rear of radio. There are not any circuit modifications. Unit is clean. works and cosmetically about 95%. All manuals for each are included. I want to see these items as a set.

HW-9 with WARC bands installed. Unit was just returned from service by RTO Electronics by ex-Heath Technician. In addition have the matching PSA-9 Power Supply, matching HM-9 QRP Watt Meter & SWR Bridge and matching HF-9 Antenna Tuner. All manuals for each are included. I want to sell these items as a set.

Haven't seen anyone try this yet so let's have some fun! I will sell the equipment to the highest bidder with minimum starting bid on the HW-8 and power supply at \$125.00 shipped CONUS and minimum starting bid on the HW-9 package at \$375.00 shipped CONUS. Just to be fair and to give everyone an equal opportunity, I'll close the bidding at 2400 GMT on 5 August 1998. I'll post the winning bids, but not the names, to QRP-L to avoid having to reply individually to each bidder.

Please contact me by EMail direct at 5400@msn.com. We don't want to clutter up the QRP-L list....and for those who always have something adverse to say about every subject posted to the list I ask no flames PLEASE! If you want to send a flame please send it direct and keep the clutter off the list.

For all of those who have been too late in responding to FS listings here is your chance to come out on top. I'll be looking for your EMail.

Charles Henderson
WB9VJD

Date: Sat, 01 Aug 1998 13:28:39 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: ke6vhm@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16647] Re: Need 6M radio control info
Message-ID: <35C35E57.3CE24685@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Frank there is no technical issue here. It is a matter of conforming with the provisions set up by those who sponsor and otherwise control car racing affairs. Very few, very few if any, of those participating have a ham license and to make provision for that in the scheme of things would be an unnecessary burden.

The FCC set aside specific frquencies for car and other surface activities to avoid dangerous interference with aircraft. There ARE enough hams that fly airplanes and run boats to make it necessary and worthwhile to factor those frequencies into an event organization. But not so, at least so far evidently, in the car racing world. No one can prevent a ham from setting up a racing car and having fun with it. But getting it entered into an organized event is likely another story.

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Frank A. West wrote:

>
> I don't understand the dilemma. R/C planes have more operations than a
> car would. Why wouldn't the same gear work for a car. I have not done any
> R/Cing since becoming a ham but as a kid used the same radio gear for boats
> as planes. they weren't into cars then. Showing my age again. HIHI
> 72 de Frank KE6VHM

Date: Sat, 1 Aug 1998 14:49:39 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: qrp-l@lehigh.edu
Subject: [16648] Spectrum Analyzer PC Board info

Message-ID: <199808011849.0AA20427@sparticus.bright.net>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

I just put an update on my web page about the PC boards for the Spectrum Analyzer designed by W7Z0I and K7TAU which appears in the August issue of QST (Part 1 of the article).

The info is at:

www.bright.net/~kanga/kanga/sabinfo.htm

A supply of the PC boards is currently on the way to me from the west coast - expected to arrive here on Tuesday this week. I expect to be shipping Thursday or Friday.

A set of five boards will be available. The cost is \$42 per set, plus \$3 S/H, for a total cost of \$45. Overseas orders will cost \$7 for S/H rather than \$3. S/H to Canada will be \$4.

I have not yet prepared the costs for the kits of parts I will be supplying for the Spectrum Analyzer. When I have that ready I will post to QRP-L and also update my Web Site.

73 - Bill - N8ET

Kanga US

kanga@mail.bright.net

<http://www.bright.net/~kanga/>

419-423-4604

Date: Sat, 01 Aug 1998 13:59:30 -0700

From: Charles Kadesch <chas@digizen.net>

To: qrp-l@Lehigh.EDU

Subject: [16649] Interesting RS gizmo

Message-ID: <35C381B2.E58@digizen.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I was in the local RS today and noticed they were clearing the 12-1951 at half price (\$9.99). This is the gizmo that slides into your auto cassette and lets you play thru the existing audio system. Handy for playing your qrp rig with enough volume to hear it over the road noise

without adding an amp and speaker.
No connection here with the vendor etc.
-72 de Chas W3KC-

Date: Sat, 01 Aug 1998 14:32:46 -0500
From: The Boices <boice@bigfoot.com>
To: qrp-l@Lehigh.EDU
Subject: [16650] DCTL antenna
Message-ID: <3.0.5.32.19980801143246.007a1ac0@mailbox.arn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anyone here tried a DCTL (Distributed Capacitance Twisted Loop) antenna?
There's an bit on it at <http://home.earthlink.net/~mwattcpa/antennas.html>
as well as (according to the web page) mid & late 1994 'CQ' and '73" mags.
I haven't seen these articles - just what's on the web.

We recently moved into a 2-story townhouse with a small east-facing
balcony, and one of these antennas might be just the ticket for my QTH.

Any experience?

73,

Mike
KM5PE
Canyon TX

Date: Sat, 1 Aug 1998 15:47:20 -0000
From: Pete Meier <pmeier@tir.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [16651] Unbuilt Kits for sale
Message-ID: <199808011942.PAA06335@sun.tir.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

I have some unbuilt kits I've had no time to even think about building.
Price includes shipping via US Priority Mail.

1. 38 Special - 30 Meter transciever kit - \$30

2. Rainbow Tuner Kit - 30 or 40 meters - \$30
3. WB9KZY Island Memory Kit (add memory to Island or other keyers) \$20
4. Kanga Spectrum Wavemeter - email me as I've forgotten what I paid
or will trade for unbuilt EPS-1 kit from Embedded Research

Pete - WK8S
email to pmeier@tir.com

Date: Sat, 1 Aug 1998 15:57:19 EDT
From: Blackpug1@aol.com
To: qrp-1@Lehigh.EDU
Subject: [16652] power for HW-7
Message-ID: <1b865591.35c37321@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Got an HW-7 I'm trying to get up and running. No power supply, no manual. I know it need 13 v but what about ma? How much? Anybody got any ideas?

Thanks.

Michael
KBORIA

Date: Sat, 1 Aug 1998 22:28:14 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <Blackpug1@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [16653] Re: power for HW-7
Message-ID: <199808012022.2316800@is1.tm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Blackpug1@aol.com; owner-qrp-1@lehigh.edu
>
> Got an HW-7 I'm trying to get up and running. No power supply, no manual. I
> know it need 13 v but what about ma? How much? Anybody got any ideas?

For years I ran my HW-7 off lantern batteries - 2 of the 6-volters, helped up to 13.5 with a D cell, lasts a long time. Now, if you call CQ all the time, maybe a little less than a long time, but they seem to go for months of evenings.

72/73 de WB8RCR
didileydadidah

Date: Sat, 01 Aug 1998 22:10:08 +0200
From: Thomas Roth <th.roth@apc.de>
To: qrp-l@Lehigh.EDU
Subject: [16654] end-fed wire
Message-ID: <3.0.32.19980801220915.006b6070@apc.de>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Hi all,

I often heard about people on the road who throw a wire out of their hotel room window at night and operate. How exactly is that done ? My ATU has only SO 239 jacks, so how do I feed such a wire with coax (don t really want all that RF in the shack)? I could run some coax out to the balcony and then throw about 20m of wire out. Have too work that way, no permanent outdoor antenna possible. My attic antenna works well enough, but I d really like to try this 'wire out of the window thing' after dark. Any suggestions ? If you don t want to bother the list, please e-mail me privately.

tnx es 72 de Thomas, DL40BN

Date: Sat, 01 Aug 1998 16:41:22 -0400
From: jim nestor <nestoji@home.com>
To: qrp-l@lehigh.edu
Subject: [16655] Never mind
Message-ID: <19980801204225.AAA27272@ccc652944-a.ewndsr1.nj.home.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Concerning my previous posting about Simple Sierra questions... never mind.

I replaced the broken TOS trimmer with one from the junk box (took a little surgery) and adjusted the transmit offset "by ear" and everything seems to work just fine. Just worked Ken, KF8BD in Michigan on a very crowded 30m band without using the RIT, so guess the offset is OK.

Got all the KC-2 functions functioning and moved the ABX control to the front panel. Did I mention that I love this rig!

72,

Jim, WK8G/2
nestoji@home.com

Date: Sat, 1 Aug 1998 16:58:26 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: Thomas Roth <th.roth@apc.de>, qrp-l@Lehigh.EDU
Subject: [16656] Re: end-fed wire
Message-ID: <199808012058.QAA27379@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Thomas -

I just attach the wire to the center pin of the SO-239, and hook a 1/4 wavelength piece of wire to the ground connection on the tuner....

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Sat, 1 Aug 1998 17:25:14 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [16657] FW: Spectrum Analyzer PC Board info

Message-ID: <000e01bdbd92\$df1f7ea0\$7d751ad1@titan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf
Of Bill Kelsey - N8ET - Kanga US
Sent: Saturday, August 01, 1998 3:50 PM
To: Low Power Amateur Radio Discussion
Subject: Spectrum Analyzer PC Board info

I just put an update on my web page about the PC boards for the
Spectrum Analyzer designed by W7ZOI and K7TAU which appears in the
August issue of QST (Part 1 of the article).

The info is at:

www.bright.net/~kanga/kanga/sabdinfo.htm

A supply of the PC boards is currently on the way to me from the west
coast - expected to arrive here on Tuesday this week. I expect to be
shipping Thursday or Friday.

A set of five boards will be available. The cost is \$42 per set, plus
\$3 S/H, for a total cost of \$45. Overseas orders will cost \$7 for S/H
rather than \$3. S/H to Canada will be \$4.

I have not yet prepared the costs for the kits of parts I will be
supplying for the Spectrum Analyzer. When I have that ready I will
post to QRP-L and also update my Web Site.

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Sat, 1 Aug 1998 17:20:49 -0000
From: Pete Meier <pmeier@tir.com>
To: "QRP-L List" <qrp-l@lehigh.edu>
Subject: [16658] RE:Unbuilt Kits - WK8S
Message-ID: <199808012115.RAA00321@sun.tir.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Kits sure move fast on this list!

38 Special is sold

Rainbow Tuner is sold

Memory for Island Keyer is sold

Kanga Spectrum Wave Meter is still available.

Pete WK8S

Date: Sat, 01 Aug 1998 17:23:37 EDT
From: n4so@juno.com (charles k brown)
To: qrp-l@Lehigh.EDU
Subject: [16659] Radio Habana Cuba
Message-ID: <19980801.042049.4503.1.n4so@juno.com>

Reminder for Saturday evening (and Tuesdays)
Radio Habana Cuba's Arnie Coro, C02KK
"DXers Unlimited" radio program.
Try 9820 khz AM, 13605 khz SSB, 6000 khz AM.
0130z 0330z 0530z (all times in Zulu are actually the following day,
with the local time Sat. and Tues.)
Program is devoted to the radio hobby.
9820 khz is the best for S. United States, but I also copy
the others.

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-l #622
n4so@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>

Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 01 Aug 1998 18:00:12 -0400
From: Scott Bauer <ke3nv@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [16660] Another SST lives
Message-ID: <199808012159.RAA21520@smtp3.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Group,

Finally, after moving to a new home, I have found some time to finish building my 20 meter SST kit.

I did have some trouble getting the SST to operate in the frequency range specified in the manual. After swapping the 18 mhz crystal out a few times and changing D4A to D4B, I managed to get a perfect 14.048- 14.061 range. With D4A installed, mv209, the range was way too high.

The tinkering was well worth it as the SST is a very nice little XCVR and Im very happy with the performance.

I managed to work K50T in the NA Contest. Grabbed him on the first call. He must have a great station to hear my 1.5 watts in all of that racket going on ;-))

Now back NA contest with the Teeny Tiny SST !!
What fun it is!!!

72, Scott

End of QRP-L Digest 1170

